

# Spicer® C270 Torque Converter

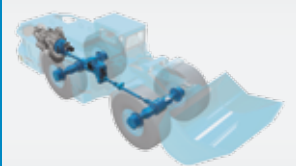
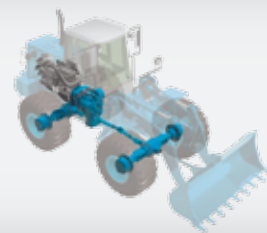
93 to 149 kW (125 to 200 hp)



**SPICER®**  
*Off-Highway Systems*



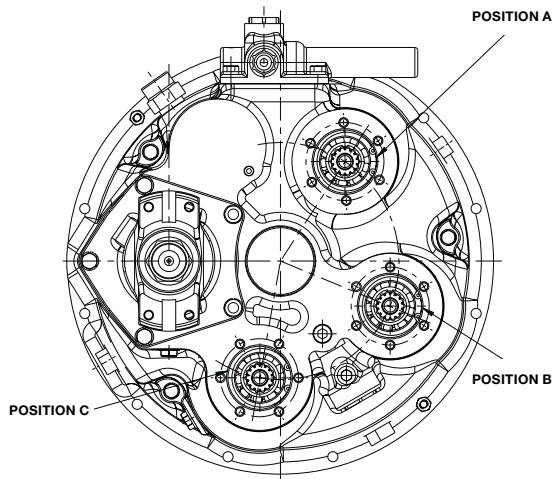
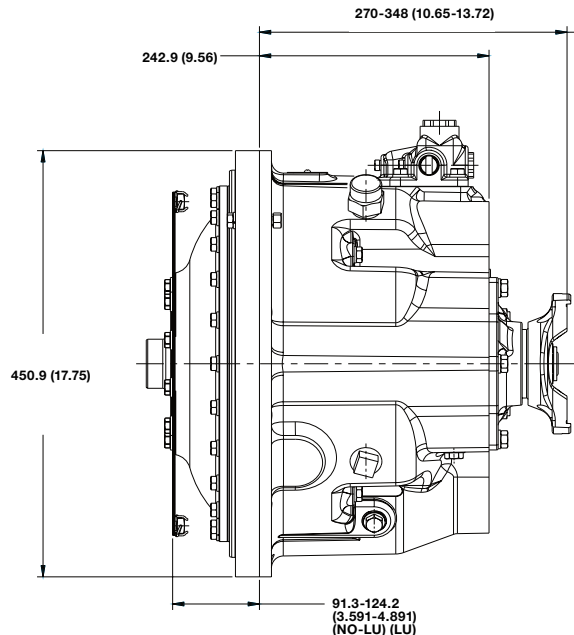
Engineered for reliability in construction, mining, and material-handling machinery, the Spicer® C270 torque converter offers a full range of beneficial features.



# Spicer® C270 Torque Converter

93 to 149 kW (125 to 200 hp)

The Spicer® C270 torque converter is designed for vehicle applications in construction, mining, material-handling and other industrial applications. The highly reliable C270 offers flexible options to match most engine requirements, maximizing machine performance and efficiency.



## Converter

<b>Flywheel Housing Size</b>	SAE No. 3 (Dry)
<b>Flex Plate Drive Bolt Circle Options mm (in)</b>	333.24, 342.9, 381, 431.8 (13.12, 13.5, 15, 17)
<b>Input Power kW (hp)</b>	93 to 149 (125 to 200)
<b>Torque Capacity Nm (ft-lb)</b>	743 (550)
<b>Input Maximum (RPM)</b>	3300
<b>Torque Converter Diameter mm (in)</b>	279.4, 304.8, 330.2 (11, 12, 13)
<b>Stall Torque Ratio Options</b>	1.82 to 3.12

## Pump Drive

SAE Mounting Size	SAE Spline
"A" – 2-Bolt	9-Tooth, 16/32 Pitch
"B" – 2- or 4-Bolt	13-Tooth, 16/32 Pitch
"C" – 2- or 4-Bolt	14-Tooth, 12/24 Pitch
<b>6-Bolt</b>	
2.625" Pilot	9-Tooth, 16/32 Pitch
<b>Pump Drive Ratings Nm (ft-lb)</b>	Maximum Continuous – 244 (180)
	Maximum Intermittent – 298 (220)
<b>Pump Drive Ratio and Rotation</b>	Standard: 0.952:1 Overdrive – Rotates Opposite Engine
	Optional: 1.135:1 Underdrive – Rotates Opposite Engine

## Flanges

<b>Spicer</b>	1410 Yoke, 1480 Yoke, 1550, 1550 Yoke, 1550M
<b>Mechanics</b>	4C, 5C, 6C
<b>GWB</b>	387/20, 387/30, 155kV70

## Weight

<b>Without Lock-up kg (lb)</b>	117.9 (260)
<b>With Lock-up kg (lb)</b>	140.6 (310)

## Features and Benefits

- Straight-through drive
- Offset drive
- SAE "A", "B" and "C" pump mounting
- Lock-up
- Engine inductive sensor
- Turbine inductive sensor
- Flex plate drive
- Free wheel
- SAE flywheel housing 3
- High operating efficiency
- Engineered specifically for off-highway equipment
- Optimized cast blading results in high efficiencies
- Flexible installation

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[www.dana.com/offhighway](http://www.dana.com/offhighway)



**SPICER®**

Off-Highway Systems

### Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.